BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Modified Estimate for Providing Cement Concrete Road at Maruthinagara in Ward No. 08, Kodigehalli Sub Division.**

								Estimate Cost:	1432453.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 **Page No. 152 / Item No. 19.2 / PWD SR 2013-14**	Cum							
	CC Road Main Road		1	30.00	5.20+4.30	0.15	21.38		
					2				
			1	30.00	4.30+4.20	0.15	19.13		
					2				
			1	30.00	4.20+4.10	0.15	18.68		
					2				
			1	30.00	4.10+4.00	0.15	18.23		
					2				
			1	30.00	4.00+4.00	0.15	18.00		
					2				
			1	30.00	4.00+4.20	0.15	18.45		
					2				
			1	18.30	4.20+4.60	0.15	12.08		
					2				
			1	30.00	4.50+4.30	0.15	19.80		
					2				
			1	18.60	4.30+4.40	0.15	12.14		
					2			TP	
	Total Executed Qty						**157.86**	150.00	**23680.00**
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 / Item No. 4.3 PWD SR - 2013-14**	Cum							
	CC Road Main Road		1	30.00	5.20+4.30	0.15	21.38		
					2				
			1	30.00	4.30+4.20	0.15	19.13		
					2				
			1	30.00	4.20+4.10	0.15	18.68		
					2				
			1	30.00	4.10+4.00	0.15	18.23		
					2				

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	30.00	4.00+4.00 / 2	0.15	18.00		
			1	30.00	4.00+4.20 / 2	0.15	18.45		
			1	18.30	4.20+4.60 / 2	0.15	12.08		
			1	30.00	4.50+4.30 / 2	0.15	19.80		
			1	18.60	4.30+4.40 / 2	0.15	12.14		
	Total Executed Qty						**157.86**	TP	
	Qty upto 125%						**87.00**	4000.00	**348000.00**
	Qty Above 125%						**70.86**	4000.00	**283458.00**
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.17 / Item No. 4.31 PWD SR - 2013-14**	Sqm	Not Executed						
4	KSRRB M2600-3: Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, **No. 251 / Item No. 31.3 PWD SR 2013-14**	M							
			3	5.20			15.60		
			3	4.60			13.80		
			3	4.30			12.90		
			3	4.10			12.30		
			3	4.20			12.60		
			3	4.30			12.90		
			3	4.10			12.30		
			3	4.00			12.00		
			3	4.00			12.00		
			3	4.00			12.00		
			3	4.00			12.00		
			3	3.90			11.70		
			3	4.20			12.60		
			3	4.60			13.80		
			3	4.50			13.50		
			2	4.30			8.60		
	Total Executed Qty						**200.60**	TP	
	Qty upto 125%						**45.00**	150.00	**6750.00**
	Qty Above 125%						**155.60**	150.00	**23340.00**

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 19 / Item No. 4.48.1/ PWD SR 2013-14**	Cum							
	CC Road Main Road		1	30.00	5.20+4.30	0.10	14.25		
					2				
			1	30.00	4.30+4.20	0.10	12.75		
					2				
			1	30.00	4.20+4.10	0.10	12.45		
					2				
			1	30.00	4.10+4.00	0.10	12.15		
					2				
			1	30.00	4.00+4.00	0.10	12.00		
					2				
			1	30.00	4.00+4.20	0.10	12.30		
					2				
			1	18.30	4.20+4.60	0.10	8.05		
					2				
			1	30.00	4.50+4.30	0.10	13.20		
					2				
			1	18.60	4.30+4.40	0.10	8.09		
					2			TP	
	Total Executed Qty						**105.24**	6100.00	**641982.00**
6	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **190 / Item No. 22.7/ PWD SR 2013-14**	Sqm							
	CC Road Main Road		1	30.00	5.20+4.30		142.50		
					2				
			1	30.00	4.30+4.20		127.50		
					2				
			1	30.00	4.20+4.10		124.50		
					2				
			1	30.00	4.10+4.00		121.50		
					2				
			1	30.00	4.00+4.00		120.00		
					2				
			1	30.00	4.00+4.20		123.00		
					2				
			1	18.30	4.20+4.60		80.52		
					2				
			1	30.00	4.50+4.30		132.00		
					2				

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	18.60	4.30+4.40		80.91		
					2				
	Total Executed Qty						**1052.43**	TP	
	Qty upto 125%						**450.00**	100.00	**45000.00**
	Qty Above 125%						**602.43**	100.00	**60243.00**
7	KSRB 4.9.2: Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19 / Item No. 4.46.2 PWD SR 2013-14**	Qntl							
			Not Executed						
8	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**157.86**	0.00	**0.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
								Total	**1432453.00**

(Rs. Fourteen Lakhs Thirty Two Thousand Four Hundred and Fifty Three Only)

Technical Sanction for Rs. 14.32 Lakhs

139.

28/10/14.

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

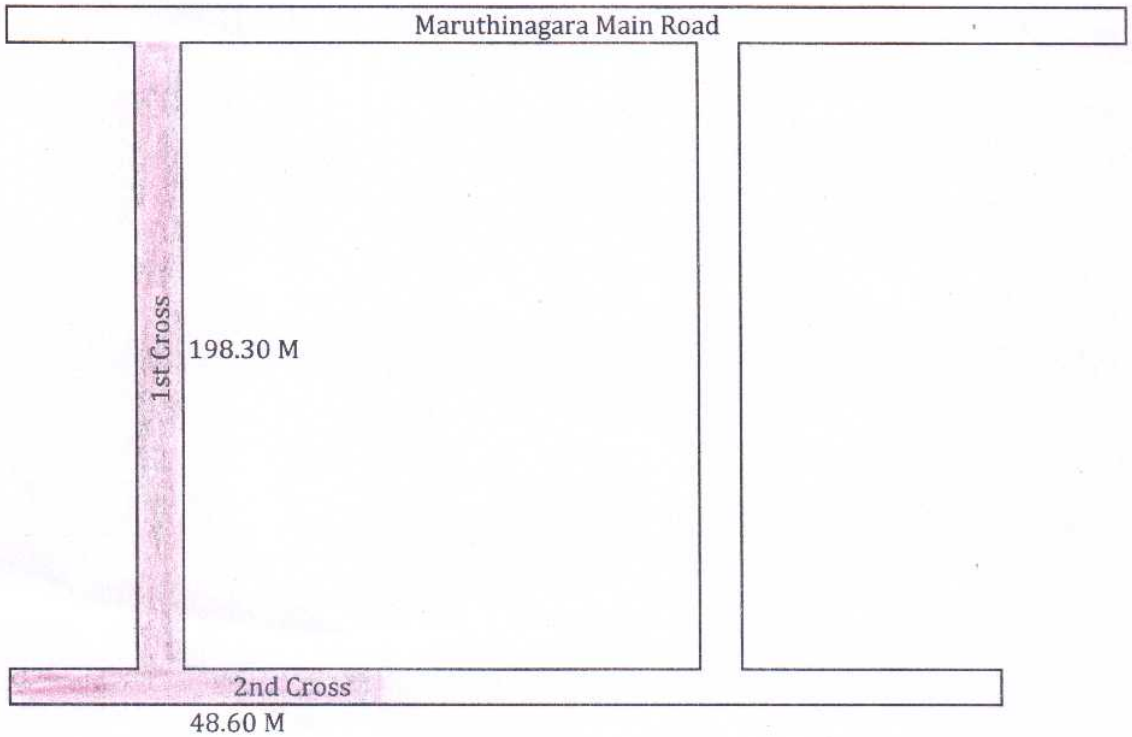
Assistant Engineer
Ward No. 08

D. R. madhu madhu

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Sketch Showing the Work for Providing Cement Concrete Road at Maruthinagara in Ward No. 08 (Kodigehalli), Kodigehalli Sub Division.



Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.